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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))		Attorney Docket No. 130017-0010
		First Inventor or Application Identifier Michael F. Morganelli et al.
		Title Method and Apparatus for Detecting and Resolving Circular Flow Paths in Graphical Programming Systems
		Express Mail Label No. EL056802878US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility application contents		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 59] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) [Total Sheets 25]</p> <p>4. Oath or Declaration</p> <p>a. <input type="checkbox"/> Newly executed (original copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) <i>(Note Box 5 below)</i></p> <p>DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) <input checked="" type="checkbox"/> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein</p>		
<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (Identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>		
<p>ACCOMPANYING APPLICATION PARTS</p> <p>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement (when there is <input type="checkbox"/> an assignee) <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, ((PTO/SB/09-12)) <input type="checkbox"/> Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Other:</p>		
<p>*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.28).</p>		
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: /</p> <p>Prior application Information: Examiner Group/Art Unit:</p>		

18. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
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Name (Print/Type)	Michael R. Reinemann	Registration No. (Attorney/Agent)	38,280
Signature			Date January 14, 2000

jc584 U.S.P.T.O.
01/14/00

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$) **0**

Complete If Known

Application Number	not yet assigned
Filing Date	January 14, 2000
First Named Inventor	Michael F. Morganelli et al.
Examiner Name	not yet assigned
Group / Art Unit	not yet assigned
Attorney Docket No.	130017-0010

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Charge the Issue Fee Set in Required Under 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:

Check Money Other Order

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee	
Fee Code	Fee Code	Fee	
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	380	216	190 Extension for reply within second month
117	870	217	435 Extension for reply within third month
118	1,360	218	680 Extension for reply within fourth month
128	1,850	128	925 Extension for reply within fifth month
119	300	219	150 Notice of Appeal
120	300	220	150 Filing a brief in support of an appeal
121	260	221	130 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,210	241	605 Petition to revive - unintentional
142	1,210	242	605 Utility Issue fee (or reissue)
143	430	243	215 Design Issue fee
144	580	244	290 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	690	246	345 Filing a submission after final rejection (37 CFR 1.129(a))
149	690	249	345 For each additional invention to be examined (37 CFR 1.129(b))
Other (specify)			
Other fee (specify)			
SUBTOTAL (3) (\$)			0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name	Michael R. Reinemann	Complete (if applicable)
Signature		Reg. Number 38,280
Date	January 14, 2000	Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Michael F. Morganelli et al.)
Serial No.: not yet assigned)
Filed: January 14, 2000)
For: Method and Apparatus for Detecting)
and Resolving Circular Flow Paths in)
Graphical Programming Systems)
)
Cesari and McKenna, LLP
30 Rowes Wharf
Boston, MA 02110
January 14, 2000

CERTIFICATE OF EXPRESS MAILING

“Express Mail” Mailing-Label Number: EL056802878US

I hereby certify that the following papers are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10 in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231 on January 14, 2000:

Patent Application (59 pages including 12 claims)
 Fee Transmittal Letter Utility Patent Application Transmittal Letter
 Informal Drawing (25 sheets)


John Egan